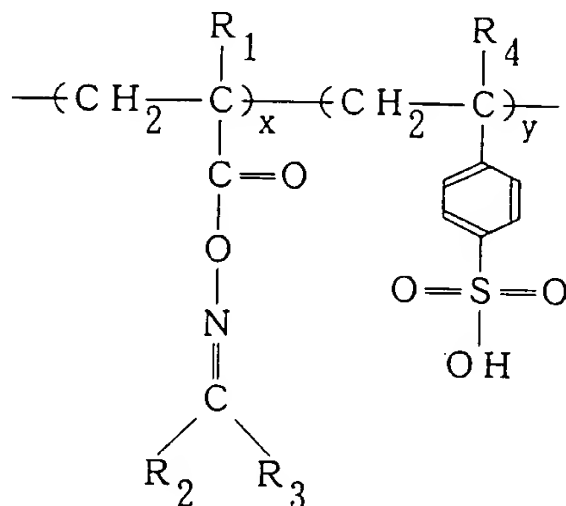


ABSTRACT OF THE DISCLOSURE

A pattern forming material includes a binary copolymer represented by the following general formula or a ternary or higher copolymer obtained by further polymerizing the binary  
5 copolymer with another group:



10 wherein  $\text{R}_1$  indicates a hydrogen atom or an alkyl group;  $\text{R}_2$  and  $\text{R}_3$  independently indicate a hydrogen atom, an alkyl group, a phenyl group or an alkenyl group or together indicate a cyclic alkyl group, a cyclic alkenyl group, a cyclic alkyl group having a phenyl group or a cyclic alkenyl group having a phenyl group;  $\text{R}_4$  indicates a hydrogen atom or an alkyl group;  $x$  satisfies a relationship of  $0 < x < 1$ ; and  $y$  satisfies a relationship of  $0 < y < 1$ .